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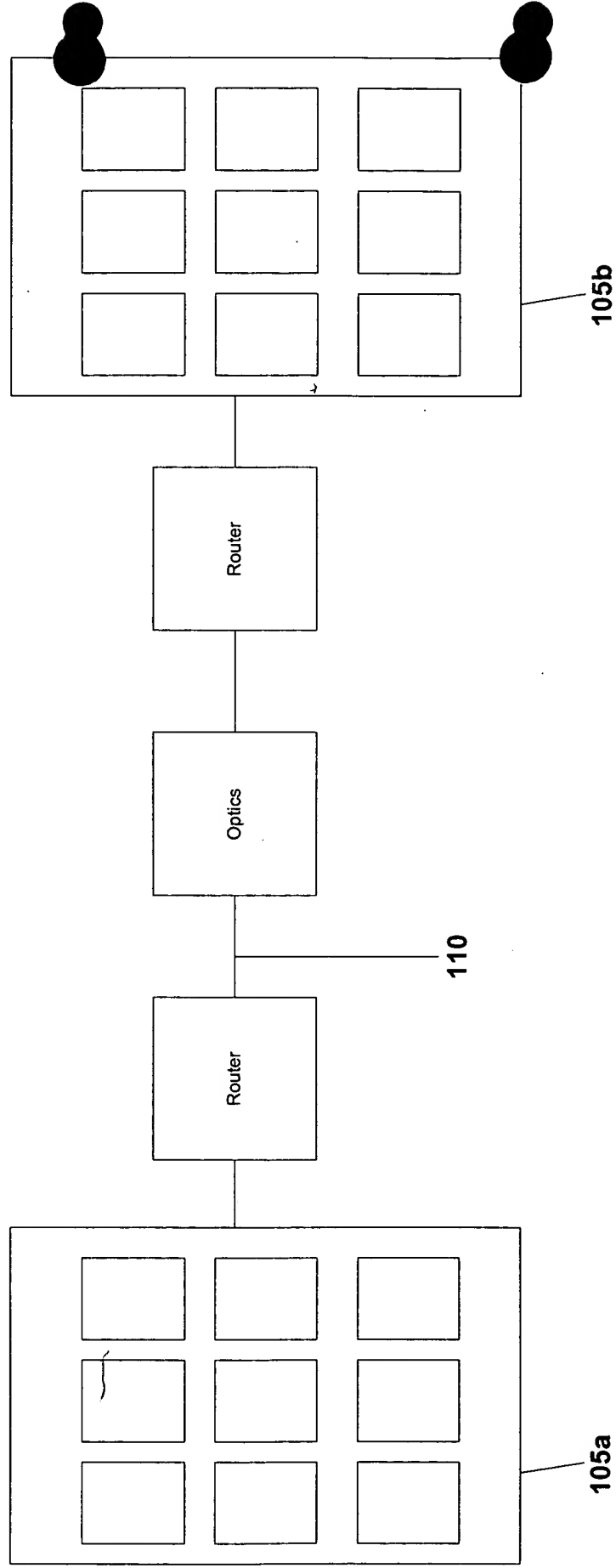
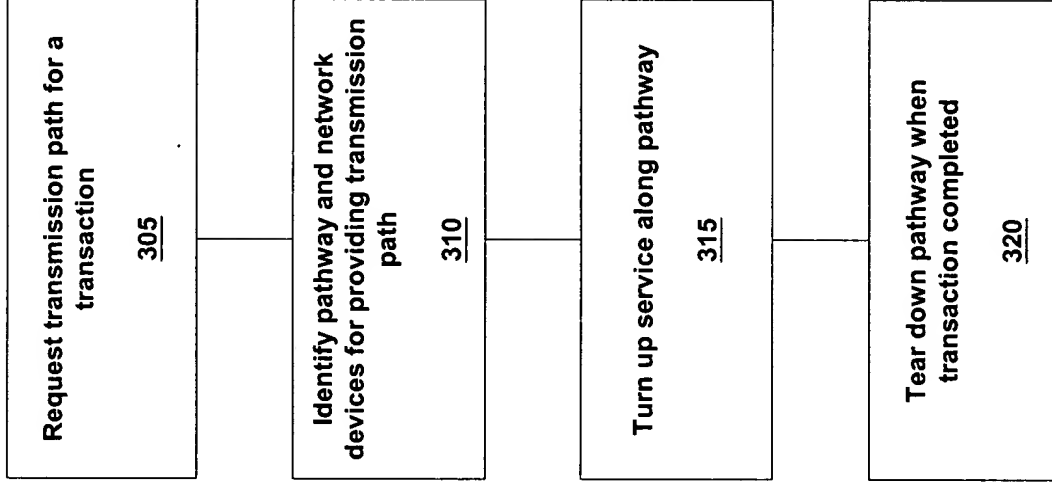
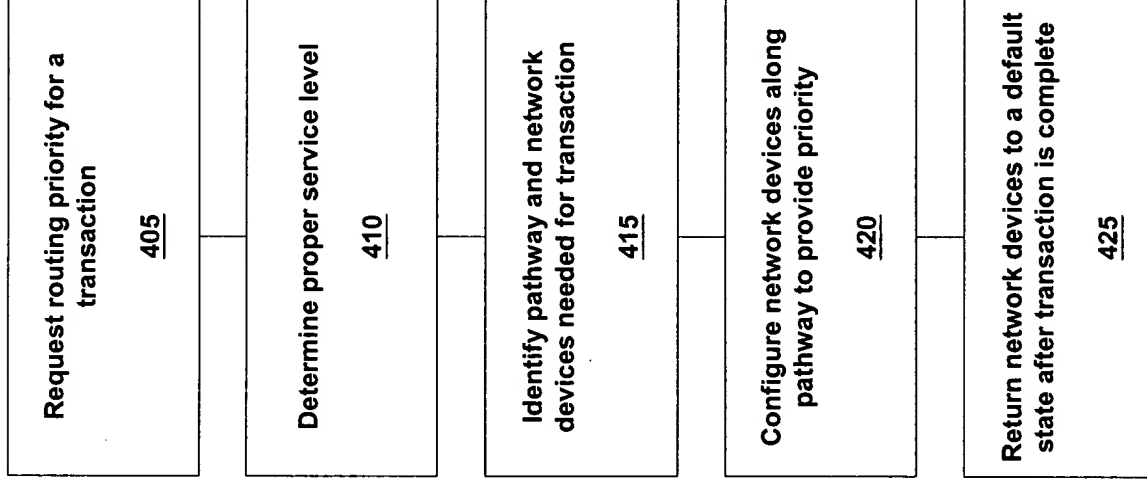


Figure 1 illustrates a network architecture. A central cloud 115 contains a core network of routers and optical devices. The core network includes six routers: Router 120a, Router 120b, Router 120c, Router 120d, Router 120e, and Router 120f. It also includes three optical devices: Optics 125a, Optics 125b, and Optics 125c. The routers are interconnected in a mesh topology. Optics 125a is connected to Router 120a, Router 120b, and Router 120c. Optics 125b is connected to Router 120d, Router 120e, and Router 120f. Optics 125c is connected to Router 120c and Router 120e. The cloud 115 is connected to two server racks, 105a and 105b. Rack 105a contains three servers: 105a1, 105a2, and 105a3. Rack 105b contains three servers: 105b1, 105b2, and 105b3. The servers are connected to the cloud 115 through the routers and optical devices.

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